Amendments to the Claims

direction attributes.

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1	1. (currently amended) A computer implemented method for ordering
2	multimedia content, comprising the steps of:
3	segmenting the multimedia content to extract objects, in which the
4	objects are video object planes;
5	extracting and associating features of the video object planes to
6	produce content entities, wherein the content entities are recursive data
7	structures comprising features, relations, directed acyclic graphs and
8	containment sets;
9	coding the content entities to produce directed acyclic graphs of the
10	content entities, each directed acyclic graph representing a particular
11	interpretation of the multimedia content;
12	measuring high-level temporal attributes of each content entity;
13	assigning the measured high-level temporal attributes to each
14	corresponding content entity in the directed acyclic graphs to order
15	temporally the content entities of the multimedia content; and
16	comparing the ordered content entities in a plurality of the directed
17	acyclic graphs to determine similar interpretations of the multimedia
18	content.
1	2. (original) The method of claim 1 wherein the measured attributes include
2	intensity attributes.

3. (original) The method of claim 1 wherein the measured attributes include

- 1 4. (previously presented) The method of claim 1 wherein the measured
- 2 attributes include spatial attributes and the order is spatial.
- 1 5. (previously presented) The method of claim 1 wherein the measured
- 2 attributes include temporal attributes and the order is temporal.
- 1 6. (original) The method of claim 1 wherein the measured attributes are
- 2 arranged in an increasing rank order.
- 1 7. (original) The method of claim 1 wherein the measured attributes are
- 2 arranged in an decreasing rank order.
- 1 8. (previously presented) The method of claim 1 further comprising the step
- 2 of:
- 3 traversing the multimedia content according to the directed acyclic
- 4 graph and the measured attributes assigned to the content entities.
- 1 9. (previously presented) The method of claim 1 further comprising the step
- 2 of:
- 3 summarizing the multimedia content according to the directed acyclic
- 4 graph and the measured attributes assigned to the content entities.
- 1 10. (original) The method of claim 1 wherein the multimedia content is a
- 2 three dimensional video sequence.

- 3 11. (original) The method of claim 1 wherein nodes of the directed acyclic
- 4 graphs represent the content entities and edges represent breaks in the
- 5 segmentation, and the measured attributes are associated with the
- 6 corresponding edges.
- 1 12. (original) The method of claim 8 wherein at least one secondary content
- 2 entity is associated with a particular content entity, and wherein the
- 3 secondary content entity is selected during the traversing.
- 1 13. (original) The method of claim 9 wherein a summary of the multimedia
- 2 is a selected permutation of the content entities according to the associated
- 3 ranks.